



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/765,024

01/26/2004

Jacek Grabiec

1842.010US1

1301

70648

7590

02/26/2008

SCHWEGMAN, LUNDBERG & WOESSNER/WMS GAMING

P.O. BOX 2938

MINNEAPOLIS, MN 55402

EXAMINER

LEE, BENJAMIN WILLIAM

ART UNIT

PAPER NUMBER

3714

MAIL DATE

DELIVERY MODE

02/26/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/765,024	GRABIEC, JACEK	
	<b>Examiner</b>	<b>Art Unit</b>	
	Benjamin W. Lee	3714	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. The amendment filed 10/17/2007 has been entered. Claims 1-32 are pending in this application. Claims 1, 12, 23, and 27 have been amended.

#### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-23, 25-30, and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolf et al. (US 2004/0072611 A1, hereinafter Wolf) in view of Shibazaki et al. (US 4,459,673, hereinafter Shibazaki).

Re claims 1, 10, and 23: Wolf discloses a computerized gaming system comprising a gaming module/controller 100, comprising a processor 104 and gaming code/program memory 102 which is operable when executed on the processor to conduct a game of chance on which monetary value can be wagered (see Fig. 3; ¶ [0057]; ¶ [0006]), and an audio module/sound circuit 112 and speakers 62 (see Fig. 3). Wolf further discloses game technical information may be presented to a game administrator via a series of configuration and troubleshooting menus (see Figs. 22-26).

However, Wolf fails to disclose the audio module is operable to report information comprising game technical information to the game administrator by a voice played via the audio module, wherein the audio module is made active to report game technical information as a result of a wagering game malfunction.

Shibazaki discloses a copier equipped with a system for transmitting information by voice. The copier informs the user of malfunctions (e.g. paper jams, or out of paper) by a voice (see abstract; col. 1, line 43 - col. 2, line 4).

Therefore, in view of Shibazaki, it would have been obvious to one of ordinary skill in the art at the time the invention was made to add the feature of reporting game technical information via a voice in response to a malfunction in order to provide an alternative or supplementary way of informing operators of errors. Error indicators, such as a buzzer or display, may be missed or overly distracting (see col. 1, lines 19-40). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claims 2 and 3: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Wolf further discloses the computerized gaming system comprises a mechanical user interface/mechanical reel slot machine interface (see ¶ [0051], lines 1-3).

Re claim 4: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Wolf further discloses the game technical information comprises a game setup menu/game options and a game troubleshooting menu/diagnostics (see Figs. 22-26).

Re claims 5 and 6: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Shibazaki further discloses the audio module is operable to report error condition information upon actuation by a game administrator (i.e. when the door is open) (see abstract).

Re claim 7: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Wolf discloses a monitoring module operable to monitor the state of one or more components of the computerized gaming system (event logs, see Figs. 22-26; monitors bets, see Fig. 8). The system of Shibazaki also monitors components (in this case, a copier) and is operable to report the monitored information to a technician/operator via a voice (see abstract; Figs. 5 and 6). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 8: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Shibazaki further discloses that audio module is operable to convey

Art Unit: 3714

information regarding a current copying action (analogous to an executing game of chance) (see col. 6, lines 23-39). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 9: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. Shibazaki further discloses the audio module is operable to report information comprising technical information when the machine/copier is not functioning (e.g. a paper jam) (see abstract). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 11: The teachings of Wolf as modified by Shibazaki as applied to claim 1 above have been discussed. The audio module of Shibazaki is inherently operable to report information in at least one language since it reports the information by voice (see abstract).

Re claims 12, 21, 27-30: Wolf teaches a method of providing game administrator interface with a computerized gaming system, comprising reporting game technical information

Art Unit: 3714

of the computerized gaming system to a game administrator (see Figs. 22-26), the computerized gaming system operable to execute gaming code on a processor to conduct a game of chance on which monetary value can be wagered. Wolf further discloses a game configuration module operable to facilitate configuration and troubleshooting (see Figs. 22-26) and actuating controls/buttons/switches to provide input to the configuration module (see ¶ [0062], lines 11-15).

However, Wolf fails to disclose reporting game technical information via a voice played by an audio system speaker, wherein the audio system is made active to report game technical information as a result of a wagering game machine malfunction.

Shibazaki discloses a copier equipped with a system for transmitting information by voice. The copier informs the user of malfunctions (e.g. paper jams, or out of paper) by a voice (see abstract; col. 1, line 43 - col. 2, line 4).

Therefore, in view of Shibazaki, it would have been obvious to one of ordinary skill in the art at the time the invention was made to add the feature of reporting game technical information via a voice in response to a malfunction in order to provide an alternative or supplementary way of informing operators of errors. Error indicators, such as a buzzer or display, may be missed or overly distracting (see col. 1, lines 19-40). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claims 13 and 14: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Wolf further discloses the computerized gaming system comprises a mechanical user interface/mechanical reel slot machine interface (see ¶ [0051], lines 1-3).

Re claim 15: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Wolf further discloses a game setup menu/game options and a game troubleshooting menu/diagnostics (see Figs. 22-26).

Re claim 16: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Shibazaki further discloses the technical information comprises error condition information (see abstract).

Re claim 17: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Shibazaki further discloses the game technical information is reported upon actuation by the game administrator. The system produces voice only when manual-starting or door-opening is sensed which would be performed by an administrator (see abstract).

Re claim 18: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Wolf further discloses monitoring the state of one or more components of the computerized gaming system (event logs, see Figs. 22-26; bet monitoring, see



Fig. 8). The system of Shibazaki also monitors components (in this case, a copier) and is operable to report the monitored information to a technician/operator via a voice (see abstract; Figs. 5 and 6). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 19: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Shibazaki further discloses that audio module is operable to convey information regarding a current copying action (analogous to an executing game of chance) (see col. 6, lines 23-39). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 20: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. Shibazaki further discloses the audio module is operable to report information comprising technical information when the machine/copier is not functioning (e.g. a paper jam) (see abstract). It would have been obvious to one of ordinary skill in the art at the time the invention was made to adapt the monitoring system of Shibazaki to the gaming machine

Art Unit: 3714

of Wolf in order to monitor the state of gaming machine. Such a combination constitutes the use of a known technique (monitoring a machine and using voice warning messages) to improve similar devices in the same way.

Re claim 22: The teachings of Wolf as modified by Shibazaki as applied to claim 12 above have been discussed. The audio module of Shibazaki is inherently operable to report information in at least one language since it reports the information by voice (see abstract).

Re claim 25: The teachings of Wolf as modified by Shibazaki as applied to claim 23 above have been discussed. Wolf further discloses the computerized gaming system comprises a game having a mechanical interface operable to convey results of the game of chance (see ¶ [0051]), lines 1-3).

Re claim 26: The teachings of Wolf as modified by Shibazaki as applied to claim 23 above have been discussed. Wolf further discloses the audio module is further operable to convey audio to a player of the game of chance (see ¶ [0050]).

Re claim 32: The teachings of Wolf as modified by Shibazaki as applied to claim 27 above have been discussed. Shibazaki further reporting information to a game administrator through voice via an audio module in a selected language (at least one language is inherently selected by the designer).

4. Claims 24 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolf and Shibazaki as applied to claims 23 and 27 above, and further in view of Wesemann et al. (US 6,731,724 B2, hereinafter Wesemann).

The teachings of Wolf and Shibazaki as applied to claims 23 and 27 above have been discussed. Wolf further discloses information is contained in menus.

However, Wolf and Shibazaki fail to disclose reporting information to a game administrator via an audio module comprises conveying a hierarchal menu by voice.

Wesemann teaches hierarchal menus conveyed by voice (see Fig. 6; col. 4, lines 25-29).

Therefore, in view of Wesemann, it would have been obvious to one of ordinary skill in the art at the time the invention was made to add hierarchal menus conveyed by voice in order to provide an interactive menu to the game administrator so that the administrator can navigate more efficiently through the information.

### ***Response to Arguments***

5. Applicant's arguments with respect to the rejection of claims 1-32 under 35 U.S.C. § 103 have been considered but are moot in view of the new ground(s) of rejection. Applicant's arguments and amendments regarding prior claim objections and § 112 rejections are persuasive and the objections/rejections have been withdrawn.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Nojiri (US 4,438,422) discloses a warning method and system for vehicles that uses voice.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin W. Lee whose telephone number is 571-270-1346. The examiner can normally be reached on Mon - Fri (8:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pezzuto can be reached on 571-272-6996. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/B. W. L./  
Examiner, Art Unit 3714

/Ronald Laneau/  
Supervisory Patent Examiner, Art Unit 3714  
2/14/08